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OM protein - protein search, using sw model

Run on: July 10, 2002, 08:25:03 ; Search time 16 Seconds
(without alignments)
102.970 Million cell updates/sec

Title: US-09-508-054-19

Perfect score: 87

Sequence: 1 YLRIVCRSVEGSCGF 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 316791 seqs, 102969836 residues

Total number of hits satisfying chosen parameters: 316791

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 150 summaries

Database : Pending_Patents_AA_New.*

1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep.*

2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep.*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep.*

4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep.*

5: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep.*

6: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep.*

7: /cgn2_6/ptodata/1/paa/US60_NEW_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %	Match	Length	ID	Description
1	83	95.4	20	6	US-10-032-073-2	Sequence 2, Appli
2	83	95.4	26	6	US-10-032-073-3	Sequence 3, Appli
3	83	95.4	26	6	US-10-032-073-5	Sequence 5, Appli
4	83	95.4	191	5	US-09-984-010-23	Sequence 23, Appli
5	83	95.4	217	5	US-09-804-409A-16	Sequence 16, Appli
6	83	95.4	217	5	US-09-511-024A-1	Sequence 1, Appli
7	83	95.4	217	5	US-09-712-021-26	Sequence 26, Appli
8	83	95.4	217	5	US-09-712-021-27	Sequence 27, Appli
9	80	92.0	15	6	US-10-032-073-1	Sequence 1, Appli
10	80	92.0	26	6	US-10-043-487-337	Sequence 337, App
11	80	92.0	191	5	US-09-511-024A-3	Sequence 3, Appli
12	80	92.0	191	5	US-09-511-024A-4	Sequence 4, Appli
13	80	92.0	191	5	US-09-511-024A-5	Sequence 5, Appli
14	80	92.0	191	5	US-09-511-024A-6	Sequence 6, Appli
15	80	92.0	191	5	US-09-511-024A-9	Sequence 9, Appli
16	80	92.0	199	7	US-60-384-665-9	Sequence 8, Appli
17	80	92.0	222	7	US-60-384-665-8	Sequence 8, Appli
18	80	92.0	237	6	US-10-143-788-566	Sequence 566, App
19	78	89.7	191	5	US-09-511-024A-7	Sequence 7, Appli
20	78	89.7	191	5	US-09-511-024A-8	Sequence 8, Appli
21	77	88.5	190	5	US-09-511-024A-10	Sequence 10, Appli
22	77	88.5	190	5	US-09-511-024A-11	Sequence 11, Appli
23	77	88.5	190	5	US-09-511-024A-12	Sequence 12, Appli
24	77	88.5	190	5	US-09-511-024A-13	Sequence 13, Appli
25	77	88.5	191	5	US-09-511-024A-9	Sequence 9, Appli
26	72	82.8	217	5	US-09-712-021-6	Sequence 6, Appli

27	51.5	59.2	27	6	US-10-032-073-7	Sequence 7, Appli
28	51.5	59.2	27	6	US-10-032-073-8	Sequence 8, Appli
29	51.5	59.2	27	6	US-10-032-073-9	Sequence 9, Appli
30	51.5	59.2	27	6	US-10-032-073-10	Sequence 10, Appli
31	51.5	59.2	27	6	US-10-032-073-11	Sequence 11, Appli
32	51.5	59.2	27	6	US-10-032-073-15	Sequence 15, Appli
33	51.5	59.2	27	6	US-10-032-073-16	Sequence 16, Appli
34	51.5	59.2	27	6	US-10-032-073-17	Sequence 17, Appli
35	51.5	59.2	27	6	US-10-032-073-18	Sequence 18, Appli
36	51.5	59.2	27	6	US-10-032-073-19	Sequence 19, Appli
37	51.5	59.2	216	5	US-09-712-021-29	Sequence 29, Appli
38	47.5	54.6	27	6	US-10-032-073-6	Sequence 6, Appli
39	47.5	54.6	216	5	US-09-712-021-28	Sequence 28, Appli
40	46.5	53.4	27	6	US-10-032-073-12	Sequence 12, Appli
41	46.5	53.4	27	6	US-10-032-073-13	Sequence 13, Appli
42	46.5	53.4	27	6	US-10-032-073-14	Sequence 14, Appli
43	43	49.4	522	6	US-10-155-881-15061	Sequence 15061, A
44	43	49.4	653	5	US-09-863-776-28	Sequence 28, Appli
45	43	49.4	662	5	US-09-863-776-30	Sequence 30, Appli
46	42.5	48.9	198	6	US-10-140-293-32	Sequence 32, Appli
47	42	48.3	453	7	US-60-360-039-16512	Sequence 16512, A
48	42	48.3	1286	7	US-60-382-898-404	Sequence 404, App
49	40	46.0	27	6	US-10-105-299-4547	Sequence 4547, Ap
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52	40	46.0	551	6	US-10-105-929-16	Sequence 16, Appli
53	40	46.0	727	6	US-10-097-597-12	Sequence 12, Appli
54	40	46.0	968	6	US-10-163-316-7	Sequence 7, Appli
55	40	46.0	2023	5	US-09-582-687A-65	Sequence 65, Appli
56	39	44.8	468	7	US-60-360-039-13275	Sequence 13275, A
57	39	44.8	534	6	US-10-123-459-6	Sequence 6, Appli
58	39	44.8	666	7	US-60-360-039-5126	Sequence 5126, Ap
59	39	44.8	686	6	US-10-155-881-25632	Sequence 25632, A
60	39	44.8	790	6	US-10-154-675-10	Sequence 10, Appli
61	39	44.8	885	6	US-10-155-881-26474	Sequence 26474, A
62	39	44.8	885	6	US-10-155-881-28999	Sequence 28999, A
63	39	44.8	925	6	US-10-154-675-12	Sequence 12, Appli
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66	38.5	44.3	807	6	US-10-006-130A-229	Sequence 229, App
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69	38.5	44.3	807	6	US-10-017-527A-229	Sequence 229, App
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71	38.5	44.3	807	6	US-10-006-041A-229	Sequence 229, App
72	38.5	44.3	807	6	US-10-006-818A-229	Sequence 229, App
73	38.5	44.3	807	6	US-10-012-121A-229	Sequence 229, App
74	38.5	44.3	807	6	US-10-013-386A-229	Sequence 229, App
75	38.5	44.3	807	6	US-10-015-387A-229	Sequence 229, App
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78	38.5	44.3	807	6	US-10-063-510-98	Sequence 98, Appli
79	38.5	44.3	807	6	US-10-063-512-98	Sequence 98, Appli
80	38.5	44.3	807	6	US-10-063-513-98	Sequence 98, Appli
81	38.5	44.3	807	6	US-10-063-514-98	Sequence 98, Appli
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98	38.5	44.3	807	6	US-10-063-534-98	Sequence 98, Appli
99	38.5	44.3	807	6	US-10-063-536-98	Sequence 98, Appli

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147 Sequence 98, Appl
148 Sequence 98, Appl
149 Sequence 98, Appl
150 Sequence 98, Appl
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ALIGNMENTS

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RESULT 1
US-10-032-073-2
; Sequence 2, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
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; SEQ ID NO 2
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-073-2
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Query Match 95.4%; Score 83; DB 6; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.5e-07;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 YLRIVQCRSVEGSCGF 16
Db 5 FLRIVQCRSVEGSCGF 20
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RESULT 2
US-10-032-073-3
; Sequence 3, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-073-3
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Query Match 95.4%; Score 83; DB 6; Length 26;
Best Local Similarity 93.8%; Pred. No. 4.6e-07;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 YLRIVQCRSVEGSCGF 16
Db 11 FLRIVQCRSVEGSCGF 26
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RESULT 3
US-10-032-073-5
; Sequence 5, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Macaca mulatta
US-10-032-073-5
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Query Match 95.4%; Score 83; DB 6; Length 26;
Best Local Similarity 93.8%; Pred. No. 4.6e-07;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db :|||||

RESULT 4

US-09-984-010-23
; Sequence 23, Application US/09984010
; GENERAL INFORMATION:
; APPLICANT: Ballance, David James
; TITLE OF INVENTION: RECOMBINANT FUSION PROTEINS TO GROWTH HORMONE
; AND SERUM ALBUMIN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,010
; FILING DATE: 21-May-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/091,873
; FILING DATE: 25-JUN-1998
; APPLICATION NUMBER: PCT/GB96/03164
; FILING DATE: 19-DEC-1996
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 191 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-984-010-23

Query Match 95.4%; Score 83; DB 5; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.2e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db :|||||

RESULT 5

US-09-804-409A-16
; Sequence 16, Application US/09804409A
; GENERAL INFORMATION:
; APPLICANT: KIEFFER, TIMOTHY J.
; APPLICANT: CHEUNG, ANTHONY T.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATED PROTEIN
; FILE OF INVENTION: EXPRESSION IN GUT
; FILE REFERENCE: 029996/027 8721
; CURRENT APPLICATION NUMBER: US/09/804,409A
; CURRENT FILING DATE: 2001-03-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16

; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-804-409A-16

Query Match 95.4%; Score 83; DB 5; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.6e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db :|||||

RESULT 6

US-09-511-024A-1
; Sequence 1, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)..(26)
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (27)..()
; OTHER INFORMATION:
US-09-511-024A-1

Query Match 95.4%; Score 83; DB 5; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.6e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db :|||||

RESULT 7

US-09-712-021-26
; Sequence 26, Application US/09712021
; GENERAL INFORMATION:
; APPLICANT: Majumder, Kamud
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Burgess, Catherine
; TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
; TITLE OF INVENTION: Encoding Same
; FILE REFERENCE: 15966-597 US utility (Cura-97)
; CURRENT APPLICATION NUMBER: US/09/712,021
; CURRENT FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 60/165,733
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 60/166,143
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,178
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,288
; PRIOR FILING DATE: 1999-11-18

; PRIOR APPLICATION NUMBER: 60/167,471
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-712-021-26

Query Match 95.4%; Score 83; DB 5; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.6e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 8
US-09-712-021-27
; Sequence 27, Application US/09712021
; GENERAL INFORMATION:
; APPLICANT: Majumder, Kamud
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Burgess, Catherine
; TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
; FILE REFERENCE: Encoding Same
; CURRENT APPLICATION NUMBER: US/09712,021
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 60/165,733
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 60/166,143
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,178
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,288
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/167,471
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-712-021-27

Query Match 95.4%; Score 83; DB 5; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.6e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 9
US-10-032-073-1
; Sequence 1, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08

; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-073-1

Query Match 92.0%; Score 80; DB 6; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.3e-07;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 LRIVQCRSVEGSCGF 15

RESULT 10
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; Sequence 4, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-073-4

Query Match 92.0%; Score 80; DB 6; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.4e-06;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 11 FLRMVQCRSVEGSCGF 26

RESULT 11
US-10-043-487-337
; Sequence 337, Application US/10043487
; GENERAL INFORMATION:
; APPLICANT: HYBRIGENICS
; APPLICANT: PIERRE, LEGRAIN
; TITLE OF INVENTION: Protein-protein interactions between Shigella Flexneri polypeptides
; FILE REFERENCE: B4778A
; CURRENT APPLICATION NUMBER: US/10/043,487
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/261,130
; PRIOR FILING DATE: 2001-01-12
; NUMBER OF SEQ ID NOS: 561
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Shigella Flexneri
US-10-043-487-337

Query Match 92.0%; Score 80; DB 6; Length 136;
Best Local Similarity 87.5%; Pred. No. 7.1e-06;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||:|||||

Db 121 FLRVQCRSVEGSCGF 136

RESULT 12

US-09-511-024A-3

; Sequence 3, Application US/09511024A

; GENERAL INFORMATION:

; APPLICANT: Fillikov, Anton

; APPLICANT: Dahiyat, Bassil I.

; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY

; FILE REFERENCE: A-67477-1/RFT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/511,024A

; CURRENT FILING DATE: 2002-05-06

; PRIOR APPLICATION NUMBER: US 60/133,784

; PRIOR FILING DATE: 1999-05-12

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 3

; LENGTH: 191

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic

US-09-511-024A-3

Query Match 92.0%; Score 80; DB 5; Length 191;
Best Local Similarity 87.5%; Pred. No. 9.9e-06;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||:|||||

Db 176 FLRVQCRSVEGSCGF 191

RESULT 13

US-09-511-024A-4

; Sequence 4, Application US/09511024A

; GENERAL INFORMATION:

; APPLICANT: Fillikov, Anton

; APPLICANT: Dahiyat, Bassil I.

; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY

; FILE REFERENCE: A-67477-1/RFT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/511,024A

; CURRENT FILING DATE: 2002-05-06

; PRIOR APPLICATION NUMBER: US 60/133,784

; PRIOR FILING DATE: 1999-05-12

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 4

; LENGTH: 191

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic

US-09-511-024A-4

Query Match 92.0%; Score 80; DB 5; Length 191;
Best Local Similarity 87.5%; Pred. No. 9.9e-06;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||:|||||

Db 176 FLRVQCRSVEGSCGF 191

RESULT 14

US-09-511-024A-5

; Sequence 5, Application US/09511024A

; GENERAL INFORMATION:

; APPLICANT: Fillikov, Anton

; APPLICANT: Dahiyat, Bassil I.

; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY

; FILE REFERENCE: A-67477-1/RFT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/511,024A

; CURRENT FILING DATE: 2002-05-06

; PRIOR APPLICATION NUMBER: US 60/133,784

; PRIOR FILING DATE: 1999-05-12

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 191

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic

US-09-511-024A-5

Query Match 92.0%; Score 80; DB 5; Length 191;
Best Local Similarity 87.5%; Pred. No. 9.9e-06;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||:|||||

Db 176 FLRVQCRSVEGSCGF 191

RESULT 15

US-09-511-024A-6

; Sequence 6, Application US/09511024A

; GENERAL INFORMATION:

; APPLICANT: Fillikov, Anton

; APPLICANT: Dahiyat, Bassil I.

; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY

; FILE REFERENCE: A-67477-1/RFT/RMS/RMK

; CURRENT APPLICATION NUMBER: US/09/511,024A

; CURRENT FILING DATE: 2002-05-06

; PRIOR APPLICATION NUMBER: US 60/133,784

; PRIOR FILING DATE: 1999-05-12

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 6

; LENGTH: 191

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic

US-09-511-024A-6

Query Match 92.0%; Score 80; DB 5; Length 191;
Best Local Similarity 87.5%; Pred. No. 9.9e-06;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||:|||||

Db 176 FLRVQCRSVEGSCGF 191

RESULT 16

US-60-384-665-9

; Sequence 9, Application US/60384665

; GENERAL INFORMATION:

; APPLICANT: Ghosh, Malabika

; APPLICANT: Tang, Y. Tom

; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO GROWTH HORMONE-LIKE POLYPEPT

;
; TITLE OF INVENTION: POLYNUCLEOTIDES
; FILE REFERENCE: HYS-57
; CURRENT APPLICATION NUMBER: US/60/384,665
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 199
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-384-665-9

Query Match 92.0%; Score 80; DB 7; Length 199;
Best Local Similarity 87.5%; Pred. No. 1e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
DB 184 FLRMVQCRSVEGSCGF 199

RESULT 17
US-60-384-665-8
; Sequence 8, Application US/60384665
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Malabika
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO GROWTH HORMONE-LIKE POLYPEPTIDE
; FILE REFERENCE: HYS-57
; CURRENT APPLICATION NUMBER: US/60/384,665
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 222
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-384-665-8

Query Match 92.0%; Score 80; DB 7; Length 222;
Best Local Similarity 87.5%; Pred. No. 1.2e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
DB 207 FLRMVQCRSVEGSCGF 222

RESULT 18
US-10-143-788-566
; Sequence 566, Application US/10143788
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC017C1N
; CURRENT APPLICATION NUMBER: US/10/143,788
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 930
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 566
; LENGTH: 237
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-788-566

Query Match 92.0%; Score 80; DB 6; Length 237;
Best Local Similarity 87.5%; Pred. No. 1.2e-05;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
DB 222 FLRMVQCRSVEGSCGF 237

RESULT 19
US-09-511-024A-7
; Sequence 7, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-7

Query Match 89.7%; Score 78; DB 5; Length 191;
Best Local Similarity 87.5%; Pred. No. 2.1e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
DB 176 FLRMVQCRSVEGSCGF 191

RESULT 20
US-09-511-024A-8
; Sequence 8, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-8

Query Match 89.7%; Score 78; DB 5; Length 191;
Best Local Similarity 87.5%; Pred. No. 2.1e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
DB 176 FLRMVQCRSVEGSCGF 191

RESULT 21
US-09-511-024A-10
; Sequence 10, Application US/09511024A

```
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; PRIOR FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-10

Query Match      88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVCRSVEGSCG 15
Db 176 FLRIVCRSVEGSCG 190

RESULT 22
US-09-511-024A-11
; Sequence 11, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-11

Query Match      88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVCRSVEGSCG 15
Db 176 FLRIVCRSVEGSCG 190

RESULT 23
US-09-511-024A-12
; Sequence 12, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
```

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; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-12

Query Match      88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVCRSVEGSCG 15
Db 176 FLRIVCRSVEGSCG 190

RESULT 24
US-09-511-024A-13
; Sequence 13, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 190
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-13

Query Match      88.5%; Score 77; DB 5; Length 190;
Best Local Similarity 93.3%; Pred. No. 3.1e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVCRSVEGSCG 15
Db 176 FLRIVCRSVEGSCG 190

RESULT 25
US-09-511-024A-9
; Sequence 9, Application US/09511024A
; GENERAL INFORMATION:
; APPLICANT: Filikov, Anton
; APPLICANT: Dahiyat, Bassil I.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE ACTIVITY
; FILE REFERENCE: A-67477-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/511,024A
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-511-024A-9
```

Query Match 88.5%; Score 77; DB 5; Length 191;
Best Local Similarity 81.2%; Pred. No. 3.1e-05;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRS-VEGSCGF 16
:|||||:|||||
Db 176 FLRIVQCRVAVGACGF 191

RESULT 26
US-09-712-021-6
; Sequence 6, Application US/09712021
; GENERAL INFORMATION:
; APPLICANT: Majumder, Kamud
; APPLICANT: Prayaga, Sudhiras
; APPLICANT: Burgess, Catherine
; TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
; TITLE OF INVENTION: Encoding Same
; FILE REFERENCE: 15966-597 US utility (Cura-97)
; CURRENT APPLICATION NUMBER: US/09/712,021
; CURRENT FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 60/165,733
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 60/166,143
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,178
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,288
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/167,471
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-712-021-6

Query Match 82.8%; Score 72; DB 5; Length 217;
Best Local Similarity 81.2%; Pred. No. 0.00023;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 YLRIVQCRS-VEGSCGF 16
:|||||:|||||
Db 202 FLRIQCRSVGRGCGF 217

RESULT 27
US-10-032-073-7
; Sequence 7, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Mus sp.

US-10-032-073-7

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
:|||||:|||||
Db 11 YLRVMKCRREFVSSCAF 27

RESULT 28
US-10-032-073-8
; Sequence 8, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Mesocricetus auratus
US-10-032-073-8

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
:|||||:|||||
Db 11 YLRVMKCRREFVSSCAF 27

RESULT 29
US-10-032-073-9
; Sequence 9, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mysticete sp. or
; OTHER INFORMATION: Odontocete sp.
US-10-032-073-9

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;

Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
||||:|||| || || |
Db 11 YLRVMKCRREVSSCAF 27

RESULT 30
US-10-032-073-10
; Sequence 10, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Vulpes sp., Canis
; OTHER INFORMATION: familiaris or Felis catus
US-10-032-073-10

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
||||:|||| || || |
Db 11 YLRVMKCRREVSSCAF 27

RESULT 31
US-10-032-073-11
; Sequence 11, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Mustela sp.
US-10-032-073-11

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
||||:|||| || || |

Db 11 YLRVMKCRREVSSCAF 27

RESULT 32
US-10-032-073-15
; Sequence 15, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Sus sp.
US-10-032-073-15

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
||||:|||| || || |
Db 11 YLRVMKCRREVSSCAF 27

RESULT 33
US-10-032-073-16
; Sequence 16, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Lama pacos
US-10-032-073-16

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
||||:|||| || || |
Db 11 YLRVMKCRREVSSCAF 27

RESULT 34
US-10-032-073-17
; Sequence 17, Application US/10032073
; GENERAL INFORMATION:

; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Equus sp.
US-10-032-073-17

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
|||::|| || || |
Db 11 YLRVMKRRFVSSCAF 27

RESULT 35
US-10-032-073-18
; Sequence 18, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Elephas maximus
; OTHER INFORMATION: or Loxodonta africana
US-10-032-073-18

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
|||::|| || || |
Db 11 YLRVMKRRFVSSCAF 27

RESULT 36
US-10-032-073-19
; Sequence 19, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY

; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Ancestral mammal
US-10-032-073-19

Query Match 59.2%; Score 51.5; DB 6; Length 27;
Best Local Similarity 58.8%; Pred. No. 0.069;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
|||::|| || || |
Db 11 YLRVMKRRFVSSCAF 27

RESULT 37
US-09-712-021-29
; Sequence 29, Application US/09712021
; GENERAL INFORMATION:
; APPLICANT: Majumder, Kamud
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Burgess, Catherine
; TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
; FILE REFERENCE: 15966-597 US utility (Cura-97)
; CURRENT APPLICATION NUMBER: US/09/712,021
; CURRENT FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 60/165,733
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 60/166,143
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,178
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,288
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/167,471
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 216
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-712-021-29

Query Match 59.2%; Score 51.5; DB 5; Length 216;
Best Local Similarity 58.8%; Pred. No. 0.53;
Matches 10; Conservative 3; Mismatches 3; Indels 1; Gaps 1;

QY 1 YLRIVQCRS-VEGSCGF 16
|||::|| || || |
Db 200 YLRVMKRRFVSSCAF 216

RESULT 38
US-10-032-073-6
; Sequence 6, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA

; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Rattus sp.
US-10-032-073-6

Query Match 54.6%; Score 47.5; DB 6; Length 27;
Best Local Similarity 52.9%; Pred. No. 0.31;
Matches 9; Conservative 3; Mismatches 4; Indels 1; Gaps 1;

QY 1 YLRIVOCRS-VEGSCGF 16
|||::|| | || |
Db 11 YLRVMKRRFAESSCAF 27

RESULT 39
US-09-712-021-28
; Sequence 28, Application US/09712021
; GENERAL INFORMATION:
; APPLICANT: Majumder, Kamud
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Burgess, Catherine
; TITLE OF INVENTION: Novel Growth Factor Polypeptides and Nucleic Acids
; FILE REFERENCE: Encoding Same
; CURRENT APPLICATION NUMBER: US/09/712,021
; CURRENT FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 60/165,733
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 60/166,143
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,178
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/166,288
; PRIOR FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 60/167,471
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 216
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-09-712-021-28

Query Match 54.6%; Score 47.5; DB 5; Length 216;
Best Local Similarity 52.9%; Pred. No. 2.4;
Matches 9; Conservative 3; Mismatches 4; Indels 1; Gaps 1;

QY 1 YLRIVOCRS-VEGSCGF 16
|||::|| | || |
Db 200 YLRVMKRRFAESSCAF 216

RESULT 40
US-10-032-073-12
; Sequence 12, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA

; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Bos sp.
US-10-032-073-12

Query Match 53.4%; Score 46.5; DB 6; Length 27;
Best Local Similarity 52.9%; Pred. No. 0.45;
Matches 9; Conservative 3; Mismatches 4; Indels 1; Gaps 1;

QY 1 YLRIVOCRSV-EGSCGF 16
|||::|| | || |
Db 11 YLRVMKRRFGEASCAF 27

RESULT 41
US-10-032-073-13
; Sequence 13, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Ovis sp.
US-10-032-073-13

Query Match 53.4%; Score 46.5; DB 6; Length 27;
Best Local Similarity 52.9%; Pred. No. 0.45;
Matches 9; Conservative 3; Mismatches 4; Indels 1; Gaps 1;

QY 1 YLRIVOCRSV-EGSCGF 16
|||::|| | || |
Db 11 YLRVMKRRFGEASCAF 27

RESULT 42
US-10-032-073-14
; Sequence 14, Application US/10032073
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-NOON
; APPLICANT: NATERA, SIRIA HELENS ANNA
; APPLICANT: JIANG, WOEI-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227-0182
; CURRENT APPLICATION NUMBER: US/10/032,073
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 09/245,712
; PRIOR FILING DATE: 1999-02-08

;
; PRIOR APPLICATION NUMBER: 08/340,389
; PRIOR FILING DATE: 1994-11-15
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Capra sp.
US-10-032-073-14

Query Match 53.4%; Score 46.5; DB 6; Length 27;
Best Local Similarity 52.9%; Pred. No. 0.45;
Matches 9; Conservative 3; Mismatches 4; Indels 1; Gaps 1;

QY 1 YLRIVQCRSV-EGSCGF 16
Db 11 YLRVMKRRFGEASCF 27

RESULT 43
US-10-155-881-19061
; Sequence 19061, Application US/10155881
; GENERAL INFORMATION:
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu, Jingdong
; APPLICANT: Lutfiyya, Linda L.
; APPLICANT: McIninch, James
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE OF INVENTION: TRANSCRIPTION IN PLANTS
; FILE REFERENCE: 38-21(15300)J
; CURRENT APPLICATION NUMBER: US/10/155,881
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 37595
; SEQ ID NO 19061
; LENGTH: 522
; TYPE: PRT
; ORGANISM: Glycine max
US-10-155-881-19061

Query Match 49.4%; Score 43; DB 6; Length 522;
Best Local Similarity 70.0%; Pred. No. 31;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 6 QCRSVGSCG 15
Db 197 ECKSVETSCG 206

RESULT 44
US-09-863-776-28
; Sequence 28, Application US/09863776
; GENERAL INFORMATION:
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Majumder, Kumud
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Mishra, Vishnu
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Spaderna, Steven K
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Rastelli, Luca
; APPLICANT: Li, Li
; APPLICANT: Taupier, Raymond J
; APPLICANT: Gangolli, Esha
; TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-020
; CURRENT APPLICATION NUMBER: US/09/863,776
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/206,679

;
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 60/206,688
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 60/206,829
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 60/207,748
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 60/207,798
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 60/208,263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 60/208,831
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 60/209,451
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: 60/210,060
; PRIOR FILING DATE: 2000-06-07
; PRIOR APPLICATION NUMBER: 60/219,507
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/221,337
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/221,927
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/263,135
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,688
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/263,694
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 155
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 653
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-863-776-28

Query Match 49.4%; Score 43; DB 5; Length 653;
Best Local Similarity 50.0%; Pred. No. 38;
Matches 8; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVGSCGF 16
Db 241 YLRNLLCRKKLGSCSY 256

RESULT 45
US-09-863-776-30
; Sequence 30, Application US/09863776
; GENERAL INFORMATION:
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Majumder, Kumud
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Mishra, Vishnu
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Spaderna, Steven K
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Rastelli, Luca
; APPLICANT: Li, Li
; APPLICANT: Taupier, Raymond J
; APPLICANT: Gangolli, Esha
; TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-020
; CURRENT APPLICATION NUMBER: US/09/863,776
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/206,679
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 60/206,688
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 60/206,829

; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-105-299-4547

Query Match 46.0%; Score 40; DB 6; Length 27;
Best Local Similarity 57.1%; Pred. No. 5.3;
Matches 8; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 3 RIVQCRSVEGSCGF 16
| | | | | : | | |
Db 6 RFVQCTVDPFSGF 19

RESULT 50
US-10-155-881-22577
; Sequence 22577, Application US/10155881
; GENERAL INFORMATION:
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Kovalic, David K.
; APPLICANT: Liu Jingdong
; APPLICANT: Lutfiyya, Linda L.
; APPLICANT: McIninch, James
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE REFERENCE: 38-21(15300)J
; CURRENT APPLICATION NUMBER: US/10/155,881
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 37595
; SEQ ID NO 22577
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Glycine max
US-10-155-881-22577

Query Match 46.0%; Score 40; DB 6; Length 249;
Best Local Similarity 60.0%; Pred. No. 46;
Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 6 QCRSVEGSCG 15
: | | | | |
Db 61 RCMSLEGDCG 70

Search completed: July 10, 2002, 08:28:15
Job time: 192 sec